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Jan 8, 1993

PUB-NO: JP405000949A

DOCUMENT-IDENTIFIER: JP 05000949 A

TITLE: KIDNEY FUNCTION IMPROVING AND KIDNEY PROTECTING AGENT

PUBN-DATE: January 8, 1993

## INVENTOR-INFORMATION:

NAME

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NAME

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SANTEN PHARMACEUT CO LTD

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APPL-NO: JP03186420

APPL-DATE: July 25, 1991

INT-CL (IPC): A61K 31/54; C07D 279/16

## ABSTRACT:

PURPOSE: To obtain a kidney function improving agent for kidney failure caused by nephritis, diabetic nephropathy, obstructive nephropathy, etc., and a kidney protecting agent effective for preventing nephropathy and maintaining the function of transplanted kidney in renal transplantation by using a specific benzothiazine derivative as an active component.

CONSTITUTION: The objective kidney function improving and kidney protecting agent contains, as an active component, a benzothiazine derivative of formula (R1 is H, alkyl, halogen, nitro, OH, alkoxy, alkanoyloxy, etc.; R2 is H, alkyl, etc.; R3 is H, alkyl, OH, alkoxy, halogen, amino, etc.; R4 is H or alkyl; A and B are alkylene; (n) is 3 or 4) [e.g. (+)-(R)-3,4-dihydro-2-[5-methoxy-2-[3-(N-methyl-N-[2-[(3,4-methylenedioxy)-phenoxy]ethyl]amino]propoxy]phenyl]-4-methyl-3-oxo-2H-1,4-benzothiazine fumarate].

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